

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/027,205ADATE: 07/23/1999
TIME: 18:56:15

INPUT SET: S32598.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

1
2
3 (1) General Information:
4
5 (i) APPLICANT: Carl H. June et al.
6
7 (ii) TITLE OF INVENTION: Methods for Modulating Expression of an
8 HIV-1 Fusion Cofactor
9
10 (iii) NUMBER OF SEQUENCES: 7
11
12 (iv) CORRESPONDENCE ADDRESS:
13 (A) ADDRESSEE: LAHIVE & COCKFIELD, LLP
14 (B) STREET: 28 State Street
15 (C) CITY: Boston
16 (D) STATE: Massachusetts
17 (E) COUNTRY: USA
18 (F) ZIP: 02109
19
20 (v) COMPUTER READABLE FORM:
21 (A) MEDIUM TYPE: Floppy disk
22 (B) COMPUTER: IBM PC compatible
23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
24 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
25
26 (vi) CURRENT APPLICATION DATA:
27 (A) APPLICATION NUMBER:
28 (B) FILING DATE:
29 (C) CLASSIFICATION:
30
31 (vii) PRIOR APPLICATION DATA:
32 (A) APPLICATION NUMBER: US 60/037,422
33 (B) FILING DATE: 21-FEB-1997
34
35 (viii) ATTORNEY/AGENT INFORMATION:
36 (A) NAME: Amy E. Mandragouras
37 (B) REGISTRATION NUMBER: 36,207
38 (C) REFERENCE/DOCKET NUMBER: GIN-005
39
40 (ix) TELECOMMUNICATION INFORMATION:
41 (A) TELEPHONE: (617)227-7400
42 (B) TELEFAX: (617)742-4214
43
44
45 (2) INFORMATION FOR SEQ ID NO:1:
46

ENTERED

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47 (i) SEQUENCE CHARACTERISTICS:
48 (A) LENGTH: 45 amino acids
49 (B) TYPE: amino acid
50 (D) TOPOLOGY: linear
51
52 (ii) MOLECULE TYPE: peptide
53
54 (v) FRAGMENT TYPE: internal
55
56
57 (ix) FEATURE:
58 (A) NAME/KEY: Peptide
59 (B) LOCATION: 1 - 20
60 (D) OTHER INFORMATION: /note= "any 20 Xaas at location
61 1 - 20 may be absent and intended to equal a range of
62 0 - 20 amino acids"
63
64 (ix) FEATURE:
65 (A) NAME/KEY: Peptide
66 (B) LOCATION: 26 - 45
67 (D) OTHER INFORMATION: /note= "any 20 Xaas at location
68 26 - 45 may be absent and intended to equal a range
69 of 0 - 20 amino acids"
70
71
72 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
73
74 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
75 1 5 10 15
76 Xaa Xaa Xaa Xaa Pro Pro Tyr Tyr Leu Xaa Xaa Xaa Xaa Xaa Xaa Xaa
77 20 25 30
78 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
79 35 40 45
80
81 (2) INFORMATION FOR SEQ ID NO:2:
82
83 (i) SEQUENCE CHARACTERISTICS:
84 (A) LENGTH: 39 base pairs
85 (B) TYPE: nucleic acid
86 (C) STRANDEDNESS: single
87 (D) TOPOLOGY: linear
88
89 (ii) MOLECULE TYPE: cDNA
90
91
92
93 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
94
95 CATGAAGCTT CTCGAGCCGC CACCATGGCT TGCCTTGA
96
97 (2) INFORMATION FOR SEQ ID NO:3:
98
99 (i) SEQUENCE CHARACTERISTICS:

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100 (A) LENGTH: 40 base pairs
101 (B) TYPE: nucleic acid
102 (C) STRANDEDNESS: single
103 (D) TOPOLOGY: linear
104
105 (ii) MOLECULE TYPE: cDNA
106
107
108
109 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
110
111 GAGAATTCTA GACTAGCTTA AGTCAGAATC TGGGCACGGT
112
113 (2) INFORMATION FOR SEQ ID NO:4:
114
115 (i) SEQUENCE CHARACTERISTICS:
116 (A) LENGTH: 21 base pairs
117 (B) TYPE: nucleic acid
118 (C) STRANDEDNESS: single
119 (D) TOPOLOGY: linear
120
121 (ii) MOLECULE TYPE: cDNA
122
123
124
125 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
126
127 GGCTAACTAG GGAACCCACT G
128
129 (2) INFORMATION FOR SEQ ID NO:5:
130
131 (i) SEQUENCE CHARACTERISTICS:
132 (A) LENGTH: 24 base pairs
133 (B) TYPE: nucleic acid
134 (C) STRANDEDNESS: single
135 (D) TOPOLOGY: linear
136
137 (ii) MOLECULE TYPE: cDNA
138
139
140
141 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
142
143 CTGCTAGAGA TTTTCCACAC TGAC
144
145 (2) INFORMATION FOR SEQ ID NO:6:
146
147 (i) SEQUENCE CHARACTERISTICS:
148 (A) LENGTH: 30 base pairs
149 (B) TYPE: nucleic acid
150 (C) STRANDEDNESS: single
151 (D) TOPOLOGY: linear
152

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153 (ii) MOLECULE TYPE: cDNA

154

155

156

157 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

158

159 CCGTCTGTTG TGTGACTCTG GTAAC TAGAG

30

160

161 (2) INFORMATION FOR SEQ ID NO:7:

162

163 (i) SEQUENCE CHARACTERISTICS:

164 (A) LENGTH: 30 base pairs

165 (B) TYPE: nucleic acid

166 (C) STRANDEDNESS: single

167 (D) TOPOLOGY: linear

168

169 (ii) MOLECULE TYPE: cDNA

170

171

172

173 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

174

175 CTTGATAATC CATCTTGTTT CACCCTGTGC

30

176

177

178

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***** PREVIOUSLY ERRORED SEQUENCES - EDITED *****

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45 (2) INFORMATION FOR SEQ ID NO:1:
46
47 (i) SEQUENCE CHARACTERISTICS:
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49 (B) TYPE: amino acid
50 (D) TOPOLOGY: linear
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74 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
75 1 5 10 15
76 Xaa Xaa Xaa Xaa Pro Pro Tyr Tyr Leu Xaa Xaa Xaa Xaa Xaa Xaa Xaa
77 20 25 30
78 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
79 35 40 45
80

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/027,205A

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Line

Error

Original Text